

KLARNER, T.

Selecting the size of a transformer in a factory. p. 3, (GOSPODARKA CIEPLNA.
ENERGETYKA PRZEMYSLOWA, Vol. 1, No. 6, Dec. 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5
May 1955, Uncl.

KLARNER, T.

"Economy of Electric Power as a basic Problem in the National Economy",
p. 439; Tasks of Technical Personnel in the Economy of Electric Power",
p. 442; "Sinterolivin, a New Material", p. 443, (PRZEGŁÓD TECHNICZNY,
Vol. 75, No. 12, Dec. 1954, Warsaw, Poland)

SO: Monthly List of East European Accessions, (SEAL), IC, Vol. 4, No. 5,
May 1955, Uncl.

KLARNER, T.

Principles of measurement and control for determination of electric power consumption
of power plants. Tr. from the German. p.277.
(MAGYAR ENERGIAGAZDASAG. Vol. 9, no. 7, July 1955. Budapest.)

SO: Monthly List of East European Accession. (EEAL). Ic. Vol 4 Nov. 11 Nov. 1955 Unci.

KLARKER, T.

KLARKER, T. Application of condensers for the correction of the power factor.
p. 436.

Vol. 31, No. 7, July 1955

PREZESIAD ELEKTROTECHNICZNY

TECHNOLOGY

Poland

See: East European Accession, Vol. 5, No. 5, May 1956

KLARER, T.

Economic incentives in new electric tariffs. p.97.
WIADOMOŚCI ELECTROTECHNICZNE (Stowarzyszenie Elektryków Polskich, Centralny Zarząd Energetyki, Centralny Zarząd Przemysłu Maszyn Elektrycznych, Centralny Zarząd Przemysłu Kablowego) Warszawa
Vol. 6, no. 5, May 1956

So. East European Acquisitions List Vol. 5, No. 9 September 1956

KLANNER, T.

Economic computation of the proper power of a transformer in the light of
new rates. p. 275

ENERGETYKA PRZEMYSLOWA. (Ministerstwo Gornictwa i Energetyki oraz
Stowarzyszenie Elektryków Polskich) Warszawa, Poland. Vol. 7, no. 8, Aug. 1959

Monthly List of East European Accessions (KEAI) LC, Vol. 9, no. 3, Jun. 1960

Uncl.

KLARNER, T.; STRASZEWSKI, K.; SZUMILIN, W.

11th Congress of the International Union of Producers and Distributors of electric Power, Lausanne 1958. Pt. 2 (to be cont.). p. 118

ENERGETYKA (Ministerstwo Gornictwa i Energetyki oraz Stowarzyszenie Elektryków Polskich) Bytom, Poland, Vol. 13, no. 4, Apr 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, September 1959.
Uncl.

KLARNER, T.; STRASZEWSKI, K.; SZUMILIN, W.

11th Congress of the International Union of Producers and Distributors of Electric Power, Lausanne, 1958. Pt. 3. p. 114

ENERGETYKA (Ministerstwo Gornictwa i Energetyki oraz Stowarzyszenie Elektryków Polskich) Bytom, Poland. Vol. 13, no. 5, May 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, September 1959
Uncl.

KLARNER, Tadeusz, mgr., ins.

Achievements of the Electrification Committee of Poland, Polish
Academy of Sciences, Energetyka prace 9 no.11:377-378 '61.

KLARNER, Tadeusz, mgr., ins.

Technical and economic engineering in electric power engineering.
Przegl elektrotechn 37 no.12:489-490 '61.

1. Komitet Elektryfikacji Polski Polskiej Akademii Nauk.
(Poland-Electric power)

KLARNER, Tadeusz, mgr ins.

General remarks on the International Symposium on the Rationalization of Electric Power Consumption. Energetyka przem. 10 no. 9:302-305 S '62.

KLARNER, Tadeusz, mgr inż.

New tariff for reactive power. Energetyka Pol 17 no.4:120-
123 Ap '63.

KLARNER, Z.

TECHNOLOGY

PERIODICAL: BUDOWNICTWO PRZEMYSLOWE. Vol. 7, no. 9, Sept. 1958

KLARNER, Z. Building of Stalowa Wola. p. 2.

Monthly List of East European Accessions (EVAI) LC Vol. 8, no. 4.
April 1959, Unclass

Klarnet, Ts. Ye.

KLARNET, TS.Ye.; SEMENOVA, K.L.

Rare metastatic tumors of the brain. Vop.neirokhir. 21 no.6:57
M-D '57. (MIRA 11:2)

1. Klinika nervnykh bolezney i neirokhirurgii i kafedra patologicheskoy anatomi Rostovskogo-na-Donu meditsinskogo instituta.
(BRAIN--TUMORS)

KLARNET, T.S. Ye.; DOMEROVSKAYA, Ye.A.

Acquired toxoplasmosis of the brain with a tumorlike course.
Zh. nevropat. psichiat. Korsakov 63 no.3:388-391 '63

(MIRA 17:1)

1. Kafedra nervnykh bolezney (zav. - prof. V.A. Nikol'skiy)
1 kafedra patologicheskoy anatomi (zav. - doktor med. nauk
I.I.Dorokhov) Rostovskogo meditsinskogo instituta.

KLARINET, TS.Ye., RYKA, L.A.

Atypical forms of poliomyelitis. Zhur. nevr.i psich. 58 no.3:294-299
'58. (MIRA 13:3)

1. Klinika nervnykh bolezney (soveduyushchiy - prof. V.A. Nikol'skiy)
Rostovskogo meditsinskogo instituta i A-skoy rayonnoy bol'niitsy
(glavnuyy vrach A.N. Samsonova).

(POLIOMYELITIS case reports,
atypical forms in musc. & joints (Rus))

KLARIN, TB.Ye.

Diagnostic aspects in cerebral abscesses. Vop.neurokhir. 22
no.6:28 N-D '58. (MIRA 12:2)

1. Kafedra nervnykh bolezney i nevrokhirurgii Rostovskogo-na-Donu
meditsinskogo instituta.
(BRAIN, abscess,
diag. (Eng))

KLAROV, Yu. (Odessa)

Behind a beautiful facade. Okhr. truda i sots. strakh. 6
no.5:29-30 My '63. (MIRA 16:8)

1. Spetsial'nyy korrespondent zhurnala "Okhrana truda i sotsial'-
noye strakhovaniye."
(Odessa—Postal service—Building)

KLAROV, Yu.

Foreman of a health workshop. Okhr. truda i sots. strakh. 5
no.9:16-17 3 '62. (MIRA 16:5)
(MEDICINE, INDUSTRIAL)

KLAROWSKI, R.

Remarks on health conditions of spruce stands in Olsztyn Voivodeship. p. 41.

STIWAN. (Wydział Matematyczno-Przyrodniczy Politechniki Warszawskiej) Warszawa, Poland Vol. 101, no. 8, Aug. 1957

Monthly list of East European Accessions Index (EEAI), IC, Vol. 8, no. 6,
June 1959
uncl.

OGIĘLSKA, Eugenia; KLARREICH, Stefan

A case of corneal mycosis cured by keratoplasty. Klin. oczna
34 no.1169-72 '64.

1. Z Kliniki Ocznej AM we Wrocławiu; kierownik prof.dr.med.
W.J.Kapuscinski.

+

KLARFIELD, S.

KLARFIELD, S. Study on the phonic behavior of floors with elastic layers. p. 3.

Vol. 7 no. 305, Nov. 1955
CONSTRUCTORUL
Bucuresti, Romania

So: Eastern European Accession Vol. 5 No. 4 April 1956

KLARSFELD, S.

About magnetic-power lines. p. 71.
(ANALELE. SERIA STIINTELOR NATURII. Romania. Vol. 5, no. 11, 1956)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957, Uncl.

On Linear Oscillations in Relativity Theory

Marinescu, C. I. Linear Oscillations in Relativity Theory
Buletinul Academiei de Matematica si Fizica. Bucuresti. Ser.
[Sci. Mat. 6 (1957), no. 13, 53-57. (Romanian. French
and Russian summaries)

The author integrates the differential equations of the
linear harmonic oscillator with a variable mass, as in
relativity theory. The solution is expressed in elliptic
integrals. The problem is not posed in a relativistically
invariant form. L. Marinescu (Minneapolis, Minn.).

2
1-FW

On the Energy-Momentum Tensor in the Electrodynamics of Bopp

1/7661

Kleindorf, I. Sur le tenseur d'énergie-momentum dans l'électrodynamique de Bopp. *Ann. Univ. "C. I. Parhon"* Bucarest, Ser. M. NAT. 6 (1957), no. 18, 59-62. (Romanian. French and Russian summaries)

The author shows that the present expression deduced for the symmetrical energy-momentum tensor in the relativistic electro-dynamic theory of Bopp differs from that deduced by Bopp [cf. *Ann. Physik* (5) 38 (1940), 345-364; *C2* (1942), 573-608; *MR* 2, 336; 8, 124].

K. Blægvaag (Oslo)

4
1-FW

KLARSELD, S.

RUMANIA/Theoretical Physics - Classical Electrodynamics. Classical 5-3
Field Theory

Abs Jour : Ref Zhur - Fizika, No 6, 1958, No 12351

Author : Klarfeld S.

Inst : Not Given

Title : Conservation Laws in the Bopp Electrodynamics

Orig Pub : An. Univ. "C.J. Parhon". Ser. stiint. natur., 1957, No 15,
63-66

Abstract : The author examines the laws of conservation and the expression for the symmetric energy-momentum tensor in the Bopp-Podol'skiy electrodynamics. To obtain $T_{\mu\nu} = T_{\nu\mu}$, use is made of the Noeter theorem and of the symmetrization of the canonical tensor by the Belinfante method. The results agree with that obtained by the author with the Hilbert method.

Card : 1/1

method, which provides for a coordinate system in the plant (x, x_4).

RUMANIA/Theoretical Physics - Classical Electrodynamics. Classical Theory of Fields B-3

Abs Jour : Ref Zhur - Fizika, No 1, 1959, No 154

Author : Klarsfeld S.

Inst :

Title : On the Variational Principle in Field Theory

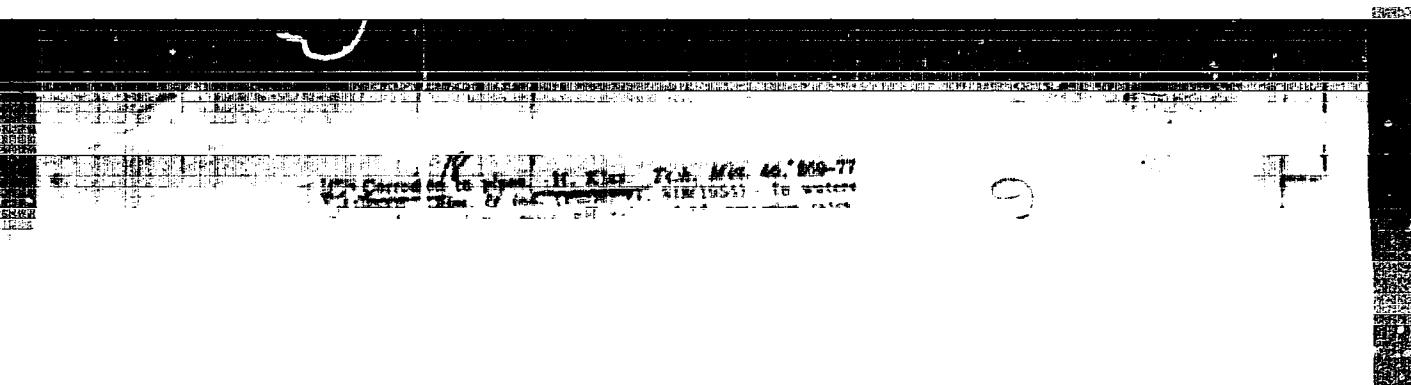
Orig Pub : Commun. Acad. RPR, 1958, 8, No 2, 159-163

Abstract : It is shown that if the Lagrangian function $L(\psi_A, \dot{\psi}_A; \sigma)$ is a quadratic invariant, built up of the potential ψ_A and their derivatives (which corresponds to the linear theories), then the symmetrization of the canonical energy-momentum tensor cannot be realized by changing the Lagrangian function in accordance with the formula $L' = L + \partial_\mu \Lambda_\mu$.

Card : 1/1

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CIA-RDP86-00513R000722930012-5"

2/043/63/000/002/002/003

AUTHORS: Tolgyessy, J., Baršárová, M., Klas, J.

TITLE: Determination of calcium salts by measuring the intensity of reflected beta radiation.

PERIODICAL: České světlo, no. 2, 1963, 140-145.

TEXT: Beta radiation particles change their direction of flow by interaction with atoms. Backward flow is called reflected radiation. Mechanism of this is complicated and not fully explained; empirical knowledge allows use of it in chemical analysis. Reflection depends on atomic number of the examined material, thickness of the sample, its geometrical shape and physical properties. The authors applied the method for the determination of Ca in an injection solution of Ca gluconate, $CaCl_2$ solution and in yellow sulfur ointment (Unguentum sulfuratum flavum). The apparatus consisted of a ring shaped radiation source with a lead shield and a Geiger-Müller counter. The authors used Tl^{204} with a half-life of 2.7 years and an energy of 0.76 MeV. A working method is described and a calibration curve is shown, which was designed for the apparatus using samples of known concentration of calcium. Results obtained with the 3 chemicals mentioned were within 1%. The method gives fast results without damage to the analysed sample. 3 figures, 3 tables, 2 Western, 6 Czech

Card 1 of 2

2/043/63/000/002/002/003

Determination of calcium....

references.

ASSOCIATION: Institute of Nuclear Sciences Slovakia, working mainly in the field of nuclear chemistry and nuclear technology, (Chair of Radiochemistry and Nuclear Chemistry at the Slovak Technical University) Bratislava. Krajské kontrolné laboratórium KUMZ Západoslovenského kraja (Regional Control Laboratory of the Public Health Institute of Western Slovakia) Bratislava.

Card 2 of 2

KLAS, Jan, promovany chemik

Contribution to the analysis of two-component systems by the beta rays reflection method. Chem svesti 17 no.7:498-503 '63.

1. Katedra radiochemie a radioanalyz chemie, Slovenska vysoka skola technicka Bratislava, Kollarovo namesti 2.

SARSUNOVA, Magda, dr., PhMr., CSc., KLAS, Jan, promovany chemik; TOLGYESSY, Juraj, doc., inz., CSc.

Determining copper and zinc in some drugs by the measurement of intensity of reflected beta rays. Chem zvesti 17 no.7:504-509 '63.

1. Krajske kontrolne laboratorium, Krajsky ustav narodneho zdravie Zapadoslovenskeho kraja, Bratislava, Radlinskoho 20 (for Sarsunova).
2. Katedra radiochemie a radiacnej chemie, Slovenska vysoka skola technicka, Bratislava, Kollarovo namesti 2 (for Klas, Tolgyessy).

ACCESSION NO: A70028695

2003/09/000/000/000/0007

AUTHOR: Kles, Jim (DMS, Inc.) (Chemist)

TITLE: Analysis of multicomponent systems by means of reflected Beta radiation

SOURCE: Chemical Abstracts, No. 8, 1966, 144-147

TOPIC TAGS: multicomponent system, two-component system, Beta radiation reflection, system analysis, chemistry

ABSTRACT: Equations for the analysis of multicomponent mechanical mixtures are followed step by step. It is shown, that when i (the number of different kinds of atoms in the system) is equal to 2, the determinants of a system of equations will be equal to zero and the system will have no solution. Thus, it is possible to write only one equation on the basis of reflected Beta radiation measurements and only two-component systems can be analyzed. The two parts of a two-component system are represented by their average atomic numbers average $Z_{\text{sub } 1}$ and average $Z_{\text{sub } 2}$, which are constant for the given system. The corresponding Beta radiation reflection constants are average $n_{\text{sub } 1}$ and average $n_{\text{sub } 2}$. Proportions by weight, $a_{\text{sub } 1}$ and $a_{\text{sub } 2}$. Then $\text{aver. } Z = a_{\text{sub } 1} \text{ aver. } Z_{\text{sub } 1} + a_{\text{sub } 2} \text{ aver. } Z_{\text{sub } 2}$, $\text{aver. } n = a_{\text{sub } 1} \text{ aver. } n_{\text{sub } 1} + a_{\text{sub } 2} \text{ aver. } n_{\text{sub } 2}$, $1/a_{\text{sub } 1} = a_{\text{sub } 2}/1 + a_{\text{sub } 2}/2$.

Card 1/2

ACCESSION NR: A44010695

Beta reflection is a linear function of a sub 1 or a sub 2. Orig. article has: 15 equations.

ASSOCIATION: Katedra Radiochemie a radikálové chemie (Slovenskéj vysokej školy technickej (Faculty of Radiochemistry and Radicals Chemistry, Slovakian Technological University) Bratislava.

SUMMARY: 27 May 63

DATE ACC: 10 March 1963

NRML: 00

SUB CODE: CH, RS

DO. REC'D 2071 003

ORIGIN: 000

Card 2/2

TOGYESI, Juraj; KRIKAN, Vilim; VANKA, Stefan; KIAS, Jan

Utilization of the beta ray reflection in chemical analysis.
Jaderná energie 10 no. 3: 1964

1. Department of Radiochemistry and Radiation Chemistry,
Faculty of Chemistry, Slovak Higher School of Technology,
Bratislava.

KLAS, Jan, promovany chemik

Contribution to the analysis based on the isotope thinning of
a radioactive substance. Chem. svetli 18 no.4:250-258 1964

1. Department of Radiochemistry and Radiation Chemistry, Slovak
Higher School of Technology, Bratislava, Kollarova namesti 2.

L 33238-66

ACC NR: AP6023839

SOURCE CODE: C2/0043/65/000/009/0689/0694

29
B

AUTHOR: Klas, Jan—Klas, Ya. (Engineer; Bratislava)

ORG: Department of Inorganic Chemistry, Slovak Technical University, Bratislava
(Katedra anorganickej chemie Slovenskej vysokej skoly technickej)

TITLE: Determination of the point of equivalency in radiometric precipitation titrations based on the measurements of activity of the precipitates

SOURCE: Chemicke svesti, no. 9, 1965, 689-694

TOPIC TAGS: radiometry, titrimetry, chemical precipitation, radioactivity

ABSTRACT: An equation is derived for the expression of the activity of the precipitate as a function of the volume of the titration agent. When the solubility of the precipitate is very low, the titration curve is very nearly a straight line. After the equilibrium was reached, the activity remains constant. Orig. art. has: 1 figure and 12 formulas. (PRB)

SUB CODE: 07 / SUBJ DATE: 18 May 64 / ORIG REF: 002 / Sov REF: 001
OTH KEY: 003

Card 102 aly

0918

1578

L 11210 66
ACT NR AP6023610

SOURCE CODE: CZ/0043/65/000/009/0695/0698

15
0

AUTHOR: Klas, Jan-Klas, Ya. (Engineer; Bratislava)

ORG.: Department of Inorganic Chemistry, Slovak Technical University, Bratislava
(Katedra inorganickej chemie Slovenskej vysokej skoly technickej)

TITLE: Evaluation of precipitation titrations on the basis of the first precipitate formation

SOURCE: Chemicka svedstvi, no. 9, 1965, 695-698

TOPIC TAGS: chemical precipitation, titrimetry, solution concentration

ABSTRACT: A mathematical derivation of an equation by which the concentration of a solution on the basis of the first formation of precipitate can be calculated, is presented. This is a method that is suitable in such conditions where the precipitate is partly soluble in the solution and therefore the usual gravimetric methods or titration methods are not accurate. In this method it is not necessary to know the solubility of the precipitate in the solution. Orig. art. has: 6 formulas. (PRg)

SUB CODE: 07 / SUBM DATE: 10Apr64 / ORIG REF: 001 /

Card 1/1 07

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1379

SUB CODE: 07, 20 / SUBM DATE: 09Apr65 / ORIG REF: 003 / OTH REF: 002

Card 1/1 CC

1-41674-66 BNP(x)/ETI IJP(c) ID
ACC REG 246031200

SOURCE CODE: CZ/0043/66/000/003/0202/0205

443

AUTHOR: Klas, Jan—Klas, Ia. (Engineer)

ORG: Department of Organic Chemistry, SVST, Bratislava (Vstava organickej chemie
SVST)

TITLE: Calculation of the hydrogen ion concentrations in solutions containing
several acids and bases

SOURCE: Chemicka svetsi, no. 3, 1966, 202-205

TOPIC TAGS: dissociation constant, hydrogen ion

ABSTRACT: The author derived a generally applicable equation
for the calculation of hydrogen ion concentrations. In aqueous
solutions containing n acids or bases the equations were:

$$[\text{H}^+] = \sqrt{\frac{K_1 + K_2 + \dots + K_n + K_w}{n}}$$

where H^+ is the concentration of hydrogen ions, K_i 0 constants
of dissociation and analytical concentration of the pi acid, and

K_w the ionisation product of water. Orig. art. has: 12 formulas. [JPRS: 36,002]

SUB CODE: 07 / SUBM DATE: 24Dec64 / Sov Rep: 001 / OTH REP: 002

Card 1/1 68

VOJTESEK, Oldrich; MARESIKOVA, libuse; SULC, miloslav; KLAS, Jiri

Protein fractions & the Weltmann reaction in chronic rheumatic disease.
Cas. lek. cesk. 97 no.15-16:517-521 18 Apr 58.

1. Vyskumny ustav chorob revmaticych v Praze reditel prof. F. Lenech.
(ARTHRITIS, RHEUMATOID, blood in
protein fractions & Weltmann test (Cs))
(SPONDYLITIS, ANKYLOSING, blood in
same)
(BLOOD PROTEINS, in various dis.
rheum. arthritis & ankylosing spondylitis (Cs))
(BLOOD COAGULATION, in various dis.
Weltmann test in rheum. arthritis & ankylosing spondylitis (Cs))

MARSIKOVA, Libuse; VOJTECH, Oldrich; SUIC, Miloslav; KLAS, Jiri

Ingol solution test in rheumatic diseases, Cas. lek. cesk. 97 no. 29:
909-913 11 July 58.

1. Vyskumny ustav chorob reumaticich, Praha, Reditel: prof. MUDr.
Frantisek Lenoch, I. N. Praha 2, Na Slupi 4.

(ARTHRITIS, RHEUMATOID, blood in,

proteins, Ingol solution precipitation test (Cs))

(BLOOD PROTEINS, in var. dis.

rheum. arthritis, Ingol solution precipitation test (Cs))

KLAS, Ladislav, ins. (Kladno); PEKAREK, Viktor, ins. (Kladno)

Precise electric control of limit tension of tension pulley
cables, used in hole boring. Elektrotechnik 17 no.1:11-12
Ja '62.

KIA: Z

YU 170

The physiological analyses of the fertilizing effect of brown coal. I. The effect of the brown coal from the Zelenia Mine on the growth of mustard in aqueous cultures. V. B. Vank and Z. Kral. *Bull. Akad. vedej progresu sv. v. Zeměd. a lesnictv. Československ. 19, Část 1. v. 1. 1953* (in English).—See C.A. 44, 7120. II. Nitrogen as a component of the fertilizing effect of brown coal. *Ibid.* 19-22.—See C.A. 44, 7120. III. The effect of aqueous extracts and ash of Zelenia coal on the growth of mustard. V. B. Vank, Z. Kral, and N. Ramek. *Ibid.* 33-40.—See C.A. 44, 7120. IV. Comparative investigations on the effect of Zelenia coal and microelements on the growth of mustard in nutrient solutions. *Ibid.* 41-8.—See C.A. 44, 7120.

N. Plavšić

16-0

1. The effect of various coal extracts on the growth of *Zizaniopsis miliacea* was studied by V. V. Vysotskii and V. V. Krasil'nikov. The extracts were obtained from brown coal, peat, and various Crown peat soils, containing decreasing amounts of KNO_3 and increasing amounts of peat. Brown coal, has been followed. All extracts were added to media with no KNO_3 , were washed and analyzed for nitrogen. This indicates that the plants were not able to extract their N requirements directly from the soil added. It is postulated that the coal functions as a hormone accelerating the uptake and exchange of ions in the nutritive process. III. The effect of various extracts and soils of brown coal on the growth of *Staph. caryae*. V. V. Vysotskii and N. N. Krasil'nikov (1961, 61-62). The results which were obtained from the experiments on the growth of *Zizaniopsis miliacea* soils, showed that the soil of Zizaniopsis miliacea was found to be a normal Crown maturing soil. In the A horizon of 0.7 m, had no influence on the growth of the plant. A longitudinal effect was observed; however, when no coal of the coal was added to the culture soil. A slight effect was also observed. The effect of the soil obtained from the peat, extracts added to the growth of *Zizaniopsis miliacea* and of *Staph. caryae* on the growth of plants added by nutritive substances. IV. The effect of the growth of *Zizaniopsis miliacea* on the following extracts added: (I) a normal Crown soil; (II) a normal Crown soil, added 14.00% a. peat; Zizaniopsis miliacea and (III) a normal Crown soil, contg. 1.78% of the Houghland soil; (IV) a normal Crown soil; contg. 1.78% of the Houghland soil; added 14.00% a. peat; brown coal; and (V) a normal Crown soil, contg. 1.78% of the Houghland soil; which IV (as dry matter content) of the plant increased by 16% and the root elongated by 100%. The nutritive effect of III and

was far behind that of IV. With II the dry matter content increased by 260%. The fertilizing effect of V was very

KLA5, Z

YUGOSLAVIA/Soil Science - Mineral Fertilizers.

J.

Abs Jour : Rof Zbir. - Biol., No 19, 1958, 67944

Author : Klaš, Z.

Inst : Institute of Experimental Biology of Zagreb Academy.

Title : Physiological Analysis of the Fertilising Capacity of Brown Coal. V. Nitrogen as One of the Components of Brown Coal's Fertilizing Action.

Orig Pub : Bull. scient. Conseil acad RFFF, 1956, 3, No 2, 52-53.

Abstract : Experiments in 1953 with Ricinus communis, conducted in the Institute of Experimental Biology of Zagreb Academy, confirmed the results of previous experiments in 1936 and 1951. Insufficiency of N or K chromate (Kronn N or K) could not be compensated by adding crushed brown coal from Zenika to the nutritive solution. Brown coal cannot serve as a direct source of mineral nitrogen or potassium.

Card 1/2

- 35 -

KLASA, Jan

Development of the world plastics production during the years 1950-1960 and the prospects of its development until 1980. Pt.1. Tworsywa wielkozaist 6 no.10:309-314 0 '61.

1. Instytut Tworsyw Sztucznych, Warszawa.

(Plastics)

KLA3A, Jan

Development of the world production of plastics during the years 1950-1960 and the perspectives of its development until 1980. Pt. 2.
Twe. tywa wielkości 6 no.11:345-348 N '61.

1. Instytut Tworzyw Sztucznych, Warszawa.

HOSTOMSKA, L.; KLASCHKOVA, J.; SEJDOVA, E.

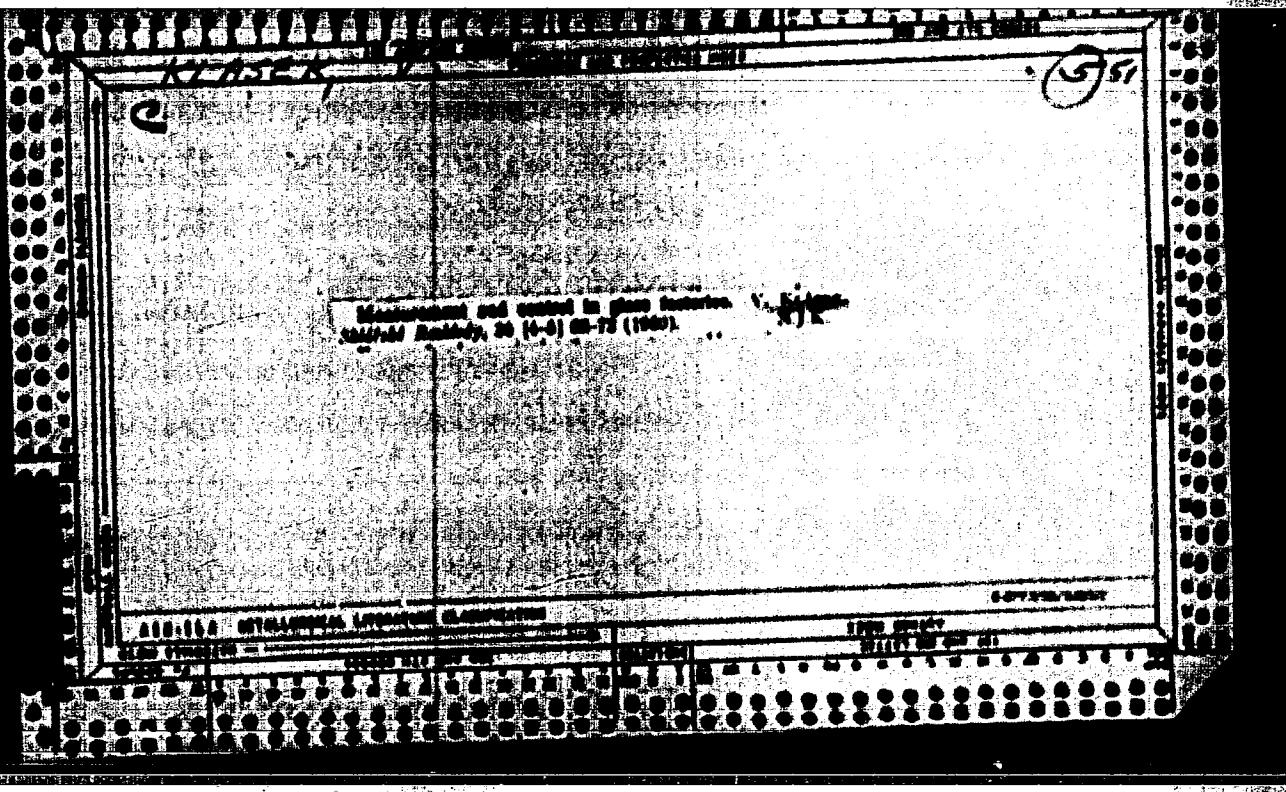
Effect of tolbutamide in diabetes in children and adolescents.
Cesk. pediat. 18 no.10:879-886 O '63.

1. Katedra fakultati pediatrie fakulty detskeho lekarstvi MU
v Praze, vedouci prof. dr. J. Hostek, DrSc.
(TOLBUTAMIDE) (BLOOD SUGAR)
(DIABETES MELLITUS, JUVENILE)

KLAZEK, Evzen

Modeling plates from Pertinax. Slevarenstvi 12 no.6:244 Je '64.

1. "Tovarny na obrabec stroje, Svitavy.



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Klasek, V.

2

Instrumente for the Automatic Control of Metallurgical Processes. V. Klasek, Praha, 1954. 8. Des. Supplément 14-16. (16 pages). The types of instruments produced and projected for early production in Czechoslovakia, as well as other instruments for automatic control are discussed.

KLASEK, V.

Automation of factory electric-power plants having a small capacity. p. 209.
(Energetika, Vol. 7, No. 4, Apr 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EKAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

KULGANEK, V.; KLAŠKA, V.

Simplified determination of aldolase activity in the blood serum. Vop. med. khim. 7 no. 4:434-437 Jl-Ag '61. (MIRA 15:3)

1. Research Institute of Traumatology and the II Polyclinic, Brno, Czechoslovakia.

(ALDOASE)

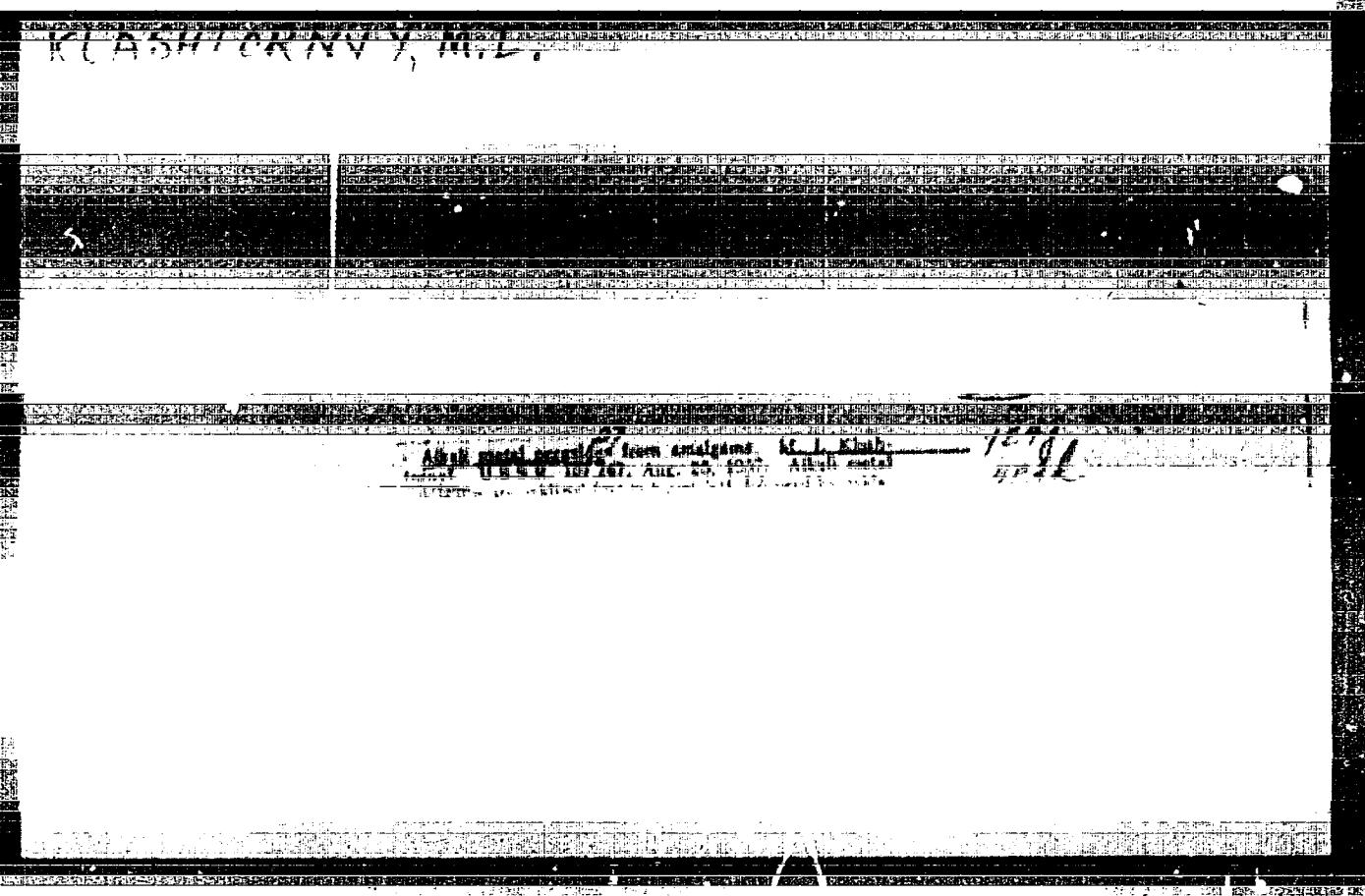
KUASHNIKOV, V.P.

Chemical thermoregulation in the Turkestan and brown rats.
Uzb. biol. zhur. 9 no.3:29-32 '65. (M'KA 18:8)

1. Institut zoologii i parazitologii AN UzSSR.

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722930012-5



APPROVED FOR RELEASE: 09/17/2001

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STRANAK, Antonin, ins. CSc.; KLASKA, Frantisek, ins.

Effect of the tillage with rotary and subsoil plows on the dynamics of soil physical properties and soil water conditions. Zemedel tech 10 no.12:723-750 D '64.

1. Research Station of Basic Agrotechny and Fertilizing, Pohorelice near Brno. Head of the Station: [ins. CSc.] Antonin Stranak. Submitted on September 7, 1964.

STRADAL, Oldrich, ins.; KLASKA, Frantisek, ins.

Some results of the complex research on nitrogen fertilization of clover and grass-clover mixtures. Rost wyroba 10 no. 7:675-694 J1 '64.

1. Research Station of Clovers and Grasses, Troubako near Brno (for Stradal). 2. Research Station of Basic Agricultural Engineering and Fertilization, Pohorelice (for Klaska).

KLASKA V

EXCERPTA MEDICA Sec 2 Vol 12/9 Physiology Sept 59

**4018. COMPARISON OF SINGLE 24-HOUR CREATININE CLEARANCE WITH
CREATININE CLEARANCES AT 2-HOUR INTERVALS - Srovnání jedno-
rázové kreatininové clearance dvacetiletých hodinové s kreatininovou clearencí
a dvouhodinovými intervaly - Klaska V., Čap J. and Strašáková B.
Vnitřní Odd. II., Městské Nemocnice, Brno - VNITŘNÍ. LÉK. 1959, 5/2
(199-201) Tables 1**

**The 2 procedures are outlined. Results obtained from the same patient by both
methods are compared. Single clearance was found to be an acceptable informative
method of investigation. (U.6)**

BURIAN, F., academician; KLASKOVA, O.; PARKAS, L.G.; CIRVENKA, J.

Questionnaire for research on the etiology of cleft-lip
and cleft palate and other congenital malformations. Acta
chir. plast. (Praha) 6 no.2:88-113 '64

1. Laboratory for Plastic Surgery, Czechoslovak Academy of
Sciences, Prague (Czechoslovakia), Director: Academician
F.Burian.

PARKAS, L.G., MUDr.; KLASKOVA, O., MUDr.

Experiences with a key questionnaire in research work. Cesk.
zdrav. 11 no.12:514-516 D'63.

1. Laborator plastické chirurgie ČSAV, Praha.

KOZINKA, Vladimir; KLASOVA, Albina; NIZHNYANSKI, Augustin [Nizhansky, Augustin]

Changes in the physiological regulation of transpiration caused by the action of industrial wastes. Biologia 18 no.8:565-578 '63.

1. Otdeleniye fisiologii rasteniy Botanicheskogo instituta Slovatskoy akademii nauk, Bratislava.

CZECHOSLOVAKIA

KOZINKA, Vladimir, KLASOVA, Albina, and NIZNIAJANSKI, Augustin; Department of Plant Physiology of the Botanical Institute of The Slovak Academy of Sciences (Oddelenie fyziologie rastlin Botanickeho instytutu SAV,) Bratislava.

"Changes in Physiologic Regulation of Plant Transpiration Ascribable to Industrial Pollutants."

Bratislava, Biologia, Vol 18, No 8, 1963; pp 563-578.

Abstract [Russian article; German summary modified]: Histologic and metabolic studies of effect of some fluorine compounds commonly present in industrial pollutants onto *Cucumis sativa* L., applied as spray or in powder form. The changes in intensity of stomatal and cuticular transpiration were of greater importance than actual total effect on transpiration as such. The stomata closed and cuticular lesions appeared. When they are wet, trichomes lose their protective capacity. Five tables, 5 graphs; 8 photomicrographs; 1 Czech, 2 Soviet and 23 Western references.

1/1

APPROVED FOR RELEASE, 09/17/2001, A. CIA-RDP86-00513R000722930012-5
BARTON, R.P., RELEASED, 09/17/2001, A. CIA-RDP86-00513R000722930012-5

Structure and development of prostrate dwarf forms in *Pinus mughus* Scop. and *Juniperus sibirica* Burgsd. in the eastern Carpathians. Bot. zhur. 48 no.7:949-964. Jl '63. (MIRA 16:9)

1. Moskovskiy gosudarstvennyy universitet.
(Carpathian Mountains--Juniper) (Carpathian Mountains--Pine)

KLASOWA, A.

"Principles of compensating workers in the automotive services in the USSR."
p. 357. (MOTORYZACJA. Vol. 9, No. 12, Dec. 1954. Warszawa, Poland)

SO: Monthly List of East European Accessions. (ZEAL). LC. Vol. 4, No. 4.
April 1955. Uncl.

KLASOWA, A.; WARCIN, I.

Principles of wage system for the workers of automotive enterprises in the USSR, II,
p. 13. (MOTORYZACJA, Warszawa, Vol. 10, No. 1, Jan. 1955.)

SO: Monthly List of East European Accessions, (EKAL), LC, Vol. 4, No. 6, June 1955,
Uncl.

~~CLASS 1. A~~

The effect of temperature on the ionization of gas discharges (consisting of stationary gas flames) by an electron beam. A. N. Mikhalevich and I. A. Kras. Sov. ats. zeml. fiz. chern. fiz. phys. chern. 1964, 10, 121-124 (1965).—Mixtures of 80% CH_4 with 20% air (I) and of 80% C_2H_4 with 20% air (II) were passed through a current (temp. 400°C.) consisting of such a velocity that ignition of the cold gas produced a nearly stationary flame but over the combustion phase. The main potential (quenched

potential) across the condenser necessary to establish the flow and to propagate it to the condenser cell was measured for each cell, at a series of temps. For I the spreading potential is lower at any temp. than for II. The temp. limit is low for both metals, and greater for II than for I. Above about 130° meter II is not controlled by any potential up to 1000 v., the highest measured.

24

610.110 METALLURGICAL LITERATURE CLASSIFICATION
AND INDEXING

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KLASS, I.A.

Latent image modifications in photographic emulsion layers subjected
to reexposure. Usp.much,et. 3,94-98 '55. (MLRA 9:1)
(Photographic sensitometry)

9(4)

SOV/112-59-1-1596

*Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 1, p 225 (USSR)

AUTHOR: Klass, I. A.

TITLE: Formation of Near-Electrode Layers in Powder-Compacted Semiconductor Materials

PERIODICAL: Uch. zap. Rishsk. ped. in-t. 1957, Vol 4, pp 143-148

ABSTRACT: Near-electrode layers in powdery semiconductor materials formed by pressed-in electrodes have been studied. Samples compacted from NiO (black), ZnO, CdS, and others have been investigated. Some samples are cylindrical with the electrodes on top and bottom; other samples are pressed in a metal ring with an axial electrode. Both types of samples have been investigated in a vacuum and in a gas atmosphere. An electric measurement scheme is presented. Data on humidity and gas influence upon the electric properties of the samples is submitted. The best NiO samples have an EMF as high as 0.08 v but have a slightly unipolar conductance.

V.N. Ye.

Card 1/1

BANIN, T.A., inzh.; KLASS, V.I., inzh.

Device for preventing the slipping off of the cable. Bezop. truda
v prom. 5 no.8133 Ag '61. (MIRA 14:8)
(Excavating machinery)

8/032/62/028/003/008/017
B101/B138

AUTHORS: Nesmeyanov, An. N., Pozdeyev, V. V., and Klass, Ya.

TITLE: Measurement of the activity of organic compounds containing tritium

PERIODICAL: Zavodskaya laboratoriya, v. 28, no. 3, 1962, 305 - 307

TEXT: A variant of K. E. Wilzbach's method (Ref. 3, see below) is described. The tagged organic substances are heated with zinc dust, nickel oxide, and water in an ampoule at 640°C for 3 hr. The temperature is measured with a Chromel-Alumel thermocouple connected to an ERM-47 (ERM-47) apparatus. The resulting methane and hydrogen (pressure 20 mm Hg) are pumped into an CGM-8 (SBM-8) counter, and cyclohexane is added up to a total pressure of 40 mm Hg. The activity is measured with a β (B) radiometer. By using cyclohexane instead of butane as quenching gas, the $\text{CH}_4 + \text{H}_2$ concentration can be increased and the size of the apparatus reduced. The method was used to measure the activity of tagged cyclohexene, cyclohexadiene-1,3, and adipic, succinic and glutaric acids. The error of measurement was not more than 1%. The accuracy of measurement

Card 1/2

Measurement of the activity...

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B101/B138

does not depend on the amount of H_2O added. Therefore it is possible to convert tagged organic compounds without H_2O addition, which is important for measuring only slightly radioactive preparations. There are 3 figures, 1 table, and 4 references: 1 Soviet and 3 non-Soviet. The three references to English-language publications read as follows: Nucleonics, 16, no. 3, 62 (1958); R. L. Wolfgang, C. P. Mackay. Nucleonics, 16, no. 10, 69 (1958); K. E. Wilsbach, L. Kaplan, W. G. Brown. Science, 118, 522 (1953). ↗

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova
(Moscow State University imeni M. V. Lomonosova)

Card 2/2

KESMEYANOV, An.N.; POZDEYEV, V.V.; KLASS, Ya.

Measurement of the activity of tritium-containing organic compounds. Zav.lab. 28 no.3:305-307 '62. (MIRA 15:4)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Organic compounds) (Radioactive tracers) (Tritium)

KLASS, Z. I.

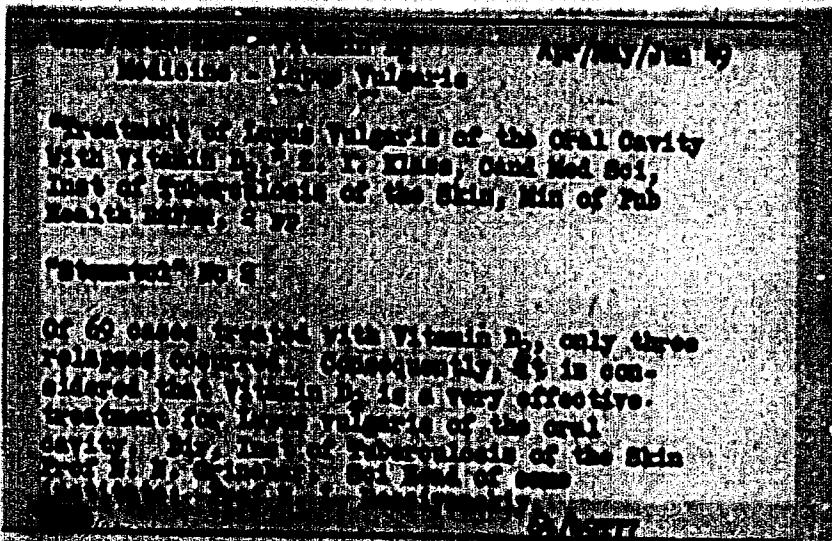
Klass, Z. I. "Treatment of lupus tuberculosis of the oral mucosa with pyocide,"
[Qualifying bachelors dissertation], Byulleten' In-ta tuberkuleza Akad. med. nauk
SSSR, 1948, No. 4, p. 46-47

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

Cand.

KLASS, Z. I.

PA 64/49777



KLASS, Z.

PA 18/49763

USSR/Medicine - Tuberculosis Oct/Nov/Dec 48
Medicine - Literature, Medical

"Review of the Book, 'Tuberculosis of the
Superior Mediastinum, Trachea, Bronchi, Mouth,
and Esophagus' by A. N. Voznesenskiy," Z. Klasse,
1 p

"Stomatologiya" No 4

Reviews favorably. Published by Medgiz, 1948,
380 pp, 159 sketches, price 19 rubles 50 kopeck.

18/49763

KLASS, Z. I.

Dynamics of dental caries and modifications of the alveolus
in lupus tuberculosus during vitamin D₂ therapy. Stomatologija,
Moskva no.3:21-23 1951. (CNDL 21:1)

1. Candidate Medical Sciences. 2. Of the Scientific-Research
Institute for Skin Tuberculosis (Director — Prof. F. V.
Shebanov; Scientific Deputy — Prof. N.L. Rossiyanakly),
Ministry of Public Health RSFSR.

KLASS, Z.I., kandidat meditsinskikh nauk

Pathiviasid therapy of lupus tuberculosus of the oral mucosa.
Stomatologiya no.4:19-21 Jl-4c '54. (MIRA 7:9)

1. Is Nauchno-issledovatel'skogo instituta tuberkulosa koshi (dir. kandidat meditsinskikh nauk I.N. Agapkin, i.e. zam. dir. po nauchnoy chasti dottsent I.I. Yukelis) Ministerstva zdravookhraneniya RSFSR.

(TUMMULOSIS,

of mouth, ther., iseniasid)

(NICOTINIC ACID ISOMERS, therapeutic use,

iseniasid in oral tuberc.)

(MOUTH, diseases,

tuberc., ther., iseniasid)

KLASA-BRUNICKI, Hugo, mgr ins.

Sump packing in loessa soils by siltation. Gosp vodna 23
no. 61219-221 Je '63.

ZMIĘWSKI, Paweł, doc. mgr inż. (deceased); SKARŻYNSKA, Krystyna, mgr inż.; KIASSA-BRUNICKI, Hugo, mgr inż.

Utilization of postproduction waste materials for the needs of earthwork construction. Gosp wodna 24 no. 4:125-128 Ap '64.

Klassen, E.Ya.

130-58-2-15/21

AUTHORS: Kuznetsov, P.K., Klassen, E.Ya.

TITLE: Reconstruction of a Continuous Furnace (Rekonstruktsiya metodicheskoy pechi)

PERIODICAL: Metallurg, 1958, Nr 2, 28 - 29 (USSR)

ABSTRACT: In 1954, designs by the Sverdlovsk branch of the Gipromez were used in the reconstruction of Nr 2 reheating furnace (Fig.1) in the rolling-mill shop at the Gur'yevsk Metallurgical Works. The object was to raise productivity from 7-9 to 20 tons/hour. The reconstructed furnace worked badly because the combustion-chamber grate was unsuitable for the 6-10% ash coal and fuel consumption rose to 209 kg of coal/ton. A further reconstruction (Fig.2) was carried out, sloping grate bars and medium-pressure air being provided. Ash removal was mechanised and was effected in 10-15 min (compared with the 8 hours required previously) without interference with furnace operation; coal consumption decreased to 155-165 kg/ton. There are 2 figures.

ASSOCIATION: Gur'yevskiy metallurgicheskiy zavod (Gur'yevsk Metallurgical Works)

AVAILABLE: Library of Congress
Card 1/1 1. Rolling mills-Operation 2. Reheating furnaces-Design

KLASSEN, G.Ya. (Temir-Tau, Karagandinskoy oblasti, kvartal 72, d.16, kv.56)

Bitumen burns in construction workers. Ortov., travm. i protez.
26 no. 5146-49 My '63. (NIKA 18:10)

1. Iz mediko-sanitarnoy chasti (glavnnyy vrach - S.P. Slivnykh)
Karagandinskogo metallurgicheskogo zavoda.

KLASSEN I. P. (Kiev)

"Results of the investigation of the viscosity, density, and electrical conductivity of amalgams of zinc and cadmium."

Report presented at the Fourth all Union conference on the Liquid State of Matter.

Kiev State Univ. 1-4 June 1959

GOLIK, A.Z.; KLASSEN, I.P.; KUCHAK, G.M.

Speed of propagation of ultrasonic waves in certain zinc and cadmium amalgams. Akust. zhur. 7 no.2:258-260 '61. (MIRA 14:7)

1. Kiyevskiy gosudarstvennyy universitet.
(Ultrasonic waves—Speed) (Zinc amalgam)
(Cadmium amalgam)

KLASSEN I. F.

STRUCTURE AND PHYSICAL PROPERTIES OF MATTER IN A LIQUID STATE
reports read at the 4th Conference convened in KIEV from 1 to 5 June
1959, published by the publishers in House of KIEV University, KIEV,
USSR, 1962

A. S. GOLIK AND I. P. KLEBSEN, Connection Between Viscosity and Electrical Conductivity and the Structure of Zinc and Cadmium Alloys	96
A. S. LASHKO, Roentgenographic Investigation of the Liquid Au-In Alloy	101
A. V. NOVINSKY AND A. S. LASHKO, Roentgenographic Investigation of the Structure of Tin-Lead Liquid Alloys	107
YA. I. OKRASITOV, A. V. MIKOL'SKAYA AND A. S. TEVSELYEV, Thermodynamic Properties of Liquid Metallic Alloys	115
N. I. POKROVSKII AND D. S. TIKHON, Investigation into Adsorption Layers on a Liquid Metallic Surface	119
V. V. SAVENKOV, On the Basic Types of Phase Transitions	124
V. V. SAVENKOV AND E. V. ALEXANDROVSKII, Dielectric Parameters of the Binary Liquid Systems within the Critical Region and the Adjusting Regions	135

S/843/62/000/000/006/010
D207/D308

AUTHORS:

Colik, and Klason, I.F.

TITLE:

Relationship of the viscosity and electrical conductivity with the structure of zinc and cadmium amalgams

SOURCE:

Stroyeniye i fizicheskiye svoystva veshchestva v zhidkem sostoyaniye; materialy IV soveshch. po probl. zhidkogo sost. veshchestva, v Kiyevye 1959 g. Kiev, Izd-vo Kiev. univ., 1962, 96-100

TEXT: The purpose of this work was to check the hypothesis that both the first (shear) viscosity and the electrical conductivity of liquid metals and their solutions are related to the short-range order. The viscosity, density and electrical conductivity of zinc and cadmium amalgams were measured at temperatures up to 350°C in a wide range of compositions. Amalgams with the same viscosity had the same short-range order but different electrical conductivities. Amalgams with the same electrical conductivity had practically the

Card 1/2

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Relationship of the viscosity ...

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D207/D308

same density but different viscosities. The results confirm the hypothesis cited above. There are 4 figures and 1 table.

ASSOCIATION: Kiyevskiy gosudarstvennyy universitet (Kiev State University)

Card 2/2

KISIYUK, NI.
to
Klassen, I.F.

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